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(54) Title: METHODS OF SYNTHESIZING HETEROMULTIMERIC POLYPEPTIDES IN YEAST USING A HAPLOID MATING STRATEGY

(57) Abstract: Methods are provided for the synthesis and secretion of recombinant hetero-multimeric proteins in mating competent yeast. A first expression vector is transformed into a first haploid cell; and a second expression vector is transformed into a second haploid cell. The transformed haploid cells, each individually synthesizing a non-identical polypeptide, are identified and then genetically crossed or fused. The resulting diploid strains are utilized to produce and secrete fully assembled and biologically functional hetero-multimeric protein.

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